

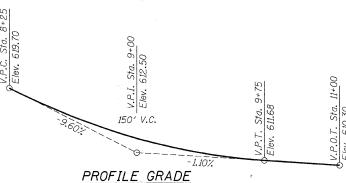
GENERAL NOTES

Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
The Contractor shall drive test piles to 110% of the nominal required bearing specified in production locations at West Abutment or approved by the Engineer before ordering the remainder of piles. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr 60 (IL Modified). See Special Provisions.

Excavation required to construct the Abutments shall be included in the cost of Concrete Structures. No additional compensation will

be allowed for Structure Excavation.

All proposed construction activities shall be in accordance with Nationwide Permit number 14 of the Department of the Army authorized under Section 404 of the Clean Water Act. The IEPA has issued Section 401 Water Quality Certification for this activity. See Special Provisions for conditions.

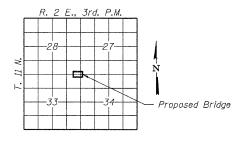


INDEX OF STRUCTURE SHEETS

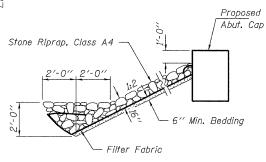
General Plan & Elevation Superstructure Superstructure Details Steel Railing, Type S1 West Abutment East Abutment Pile Details Borings

BUILT 201_ BY SHELBY COUNTY SEC. 09-23113-00-BR TOWER HILL ROAD DISTRICT STR. NO. 087-3570 LOADING HL-93

NAME PLATE See Std. 515001



LOCATION SKETCH



SECTION A-A

Note: See Special Provisions for

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Channel Excavation	Cu. Yd.			185
Stone Riprap, Class A4	Ton			270
Filter Fabric	Sq. Yd.			275
Removal of Existing Structures	Each			1
Concrete Structures	Cu. Yd.		29.6	29.6
Concrete Encasement	Cu. Yd.		14.0	14.0
Precast Prestressed Concrete Deck Beams (27" Depth)	Sq. Ft.	1,680		1,680
Reinforcement Bars	Pound		3,020	3,020
Steel Railing, Type S1	Foot	140		140
Furnishing Steel Piles HP12x53	Foot		204	204
Setting Piles in Rock	Foot		8	8
Name Plates	Each		1	1

I certify that to the best of my knowledge, information and belief, this bridge design is structurally adequate for the design loading shown on the plans. The design is an economical one for the style of structure and complies with requirements of the current "AASHTO LRFD Specifications."



Expires 11-30-2010

GENERAL PLAN AND ELEVATION STRUCTURE NO. 087-3570

HAMPTON, LENZINI AND RENWICK, INC. 3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
217.546,3400 www.hirengineering.com

SHEET NO.1 9 SHEETS

	T.R.	SEC ⁻	TION		COUNTY	TOTAL SHEETS	SHEET NO.
	231	31 09-23113-00-BR		SHELBY	20	12	
TOWER HILL ROAD DISTRICT			CONTRACT	NO. 95	631		
	FED. RO	DAD DIST. NO.	ILLINOIS	FED. A	D PROJECT BRO	S-173(171)	